

Project:	
Location:	
Model#: WPG8040K-347V-BK	Type:
Client:	Qty:
Prepared by:	Date:

## SERIES SPECIFICATIONS

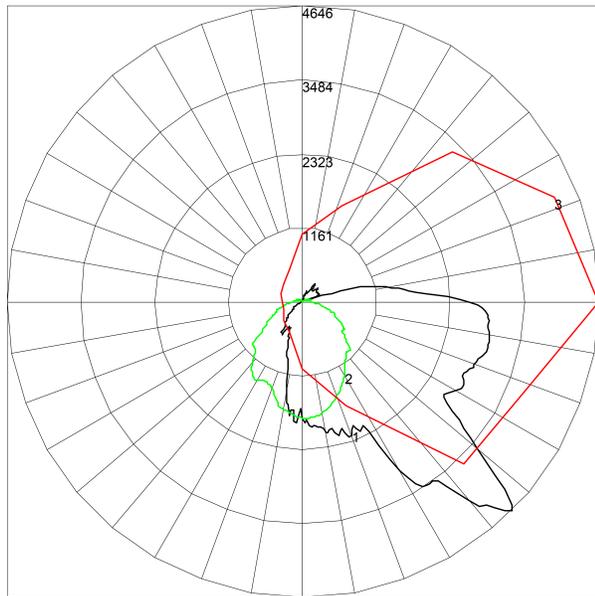


To supply Tamlite WPG series of LED fixtures as specified. The luminaire shall operate at 347Vac, and use a CITIZEN® approved driver. The housing shall be constructed of powder-coated Aluminium with a hinged bolt-on case for replacement access and a tempered glass lens. A durable formed gasket shall be provided between the enclosure and the lens. The reflector shall be made of highly specular material and contoured to maximize light output efficiency. All parts shall be corrosion resistant. LEDs shall be as specified, CITIZEN® CLU038-1208 LED Chips. The LEDs shall be supplied with the luminaire. The luminaire shall be cULus Listed.



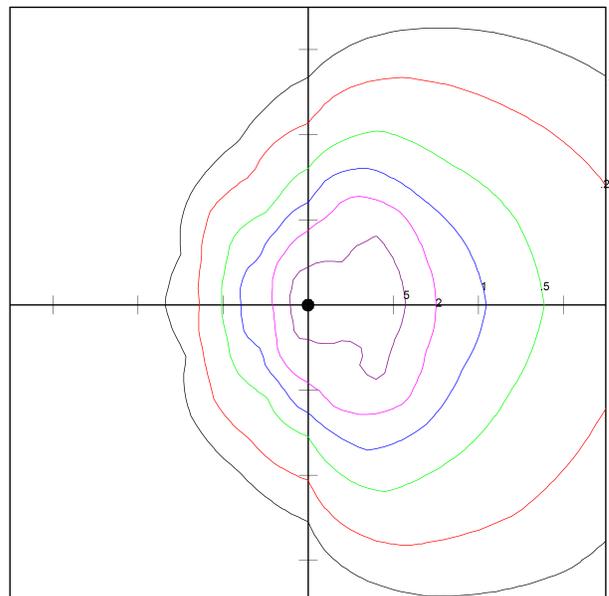
## PERFORMANCE SPECIFICATIONS

Luminance Distribution Chart



Maximum Candela = 4645.76 Located At Horizontal Angle = 360, Vertical Angle = 45  
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180)  
 # 2 - Vertical Plane Through Horizontal Angles (90 - 270)  
 # 3 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

Isolux Diagram



Tamlite Lighting  
 QWP80-4K-UNV  
 76W 120-277VAC LED GLASS PACK

Horizontal Footcandles  
 Scale: 1 inch = 15 Ft  
 Light Loss Factor = 1.00  
 Lumens Per Lamp = 9004.2  
 Total Lamp Lumens = 9004.2  
 Mounting Height = 15.00 Ft  
 Maximum Calculated Value = 9.04 Fc  
 Arrangement: Single

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### Zonal Lumen Summary

ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS	ZONE	LUMENS
0-10	176.02	40-50	1337.78	80-90	904.77	120-130	93.11	160-170	5.34
10-20	462.9	50-60	1298.95	90-100	556.97	130-140	69.77	170-180	0.44
20-30	643.81	60-70	1105.83	100-110	190.89	140-150	47.32	--	--
30-40	946.13	70-80	1024.81	110-120	112.51	150-160	21.89	--	--

**Initial Lumen Output:** 99976lm

**Luminaire Type:** Wall Pack Non-Cut-off

**Ambient Operating Temp:** -40C to +40C

**CCN Number:** IFAM7.E359675

**Efficacy:** 129.7lm/W

**Environmental Rating(s):** IP65

**Certification Standards:** cETLus, DLC

**Limited Product Warranty:** 5 Year(s)

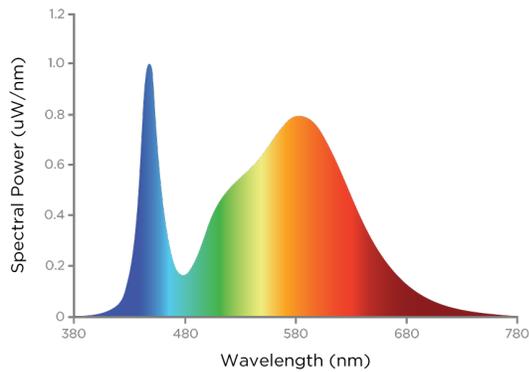
**Max Candela:** 4645

**UL Classification:** Wet Location Listed

**DLC Number:** YYYYDPE

### LED SPECIFICATIONS

#### SPD



**Source Type:** LED

**CRI:** > 80

**Chromaticity:** x=0.3460 y=0.3580

**Manufacturer:** Citizen®

**L70:** 102000 Hrs

**Duv:** 0.0029

**Part Number:** CLU038-1208

**Colour Temperature:** 4000K



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## ELECTRICAL SPECIFICATIONS

**Driver Manufacturer:** IPP  
**Fixture Draw:** 76.92W  
**THD @347Vac(%)**: <10%  
**Dimming:** 1-10Vdc, (10% Min Light Level)  
**Driver Certifications:** c-RU-us Class 2,  
 FCC Part 15 Class B, RoHS

**Input Voltage:** 277~480Vac  
**Current Draw@347Vac:** 0.2340775815635  
**Driver MTBF:** 50,000hrs  
**Over Temperature Protection:** Auto  
 Recovery, The fixture shall shut down and  
 return to operation when the temperature  
 returns to normal.

**Input Frequency:** 50-60Hz  
**Power Factor @347Vac:** >.90  
**Max Operating Case Temperature:** 90C  
**Short Circuit Protection:** Auto Recovery.  
 The output shall return to normal when the  
 fault condition is removed.

## PHYSICAL SPECIFICATIONS

**Finish Colour:** Black  
**Mounting:** Wall Mount  
**Lens Type:** Clear - Prismatic

**Finish Type:** Textured powder coat over  
 chromate conversion coat  
**Housing Material:** ADC12 Aluminium  
**Reflector Material:** Specular Aluminium

**Wiring:** Internal Connections  
**Lens Material:** Glass  
**Entries:** (3) ½ inch threaded knockouts

## SHIPPING INFORMATION

**OrderingCode(s):** WPG805K-347V-BK  
**Box Weight:** 5.2 kg  
**Carton Weight:** 20.07

**Box Quantity:** 1  
**Carton Quantity:** 4

**Box Dimensions (L-W-H):** 370 x 245 x 205  
 mm  
**Carton Dimensions (I-W-H):** 510 x 385 x  
 410 mm

## SERIES ARCHITECTURE

### Series Architecture

Series	Wattage	CCT	Voltage	Finish
WPG	40 (40W)	SW (Selectable)	UNV (120-277V)	BZ (Bronze)
	80 (80W)	30K (3000K)	347V (347V)	BK (Black)
	120 (120W)	40K (4000K)	WRV (120-347V)	WH (White)
		50K (5000K)		XX (other)

**Optional Extras:** Cut off Shield